

*Missouri Department of Health  
and Senior Services*

**Herculaneum Blood Lead  
Screening Results for Children  
Tested in Both Year  
2001 and 2002**

(866) 628-9891 toll free or  
(573) 751-6160

Missouri Department of Health and Senior Services 4/2001

---

---

---


---

---

---

---

---



*Herculaneum Blood Lead Screening  
Results for Children Tested in Both  
Year 2001 and 2002*

**\*Data provided:**

- Includes only Herculaneum children less than 72 months of age
- Children tested in both years 2001 & 2002

Missouri Department of Health and Senior Services 4/2001

---

---

---


---

---

---

---

---



*Herculaneum Blood Lead Screening  
Results for Children Tested in Both  
Year 2001 and 2002*

**\*Data provided:**

- **IS NOT** a random sample, therefore it does not represent all children in the entire community.
- **DOES** represent a result of physician selection and/or self selection.
- **DOES** represent children venous tested in **BOTH** years 2001 and 2002.
- **IS** the best data that is available to the Missouri Department of Health & Senior Services (DHSS)

Missouri Department of Health and Senior Services 4/2001

---

---

---


---

---

---

---

---



### ***Herculaneum Blood Lead Screening Results for Children Tested in Both Year 2001 and 2002***

- \* The parents of children tested have been given their results.
- \* A child who is less than 72 months old is considered to have an elevated blood lead level at or above 10 µg/dl.

Musconing Department of Health and Senior Services 4/2003

---

---

---


---

---

---

---

---



### ***Herculaneum Blood Lead Screening Results for Children Tested in Both Year 2001 and 2002***

- > Number of Herculaneum children < 72 months tested in 2001 & 2002

Individuals	2002	2001
Children < 72 months of age tested	58	118

- > **35** Children < 72 months tested in **BOTH** year 2001 & 2002

31 of the 35 children located east of Hwy 61 & Commercial Blvd.  
Musconing Department of Health and Senior Services 4/2003

---

---

---


---

---

---

---

---



### ***Herculaneum Blood Lead Screening Results for Children Tested in Both Year 2001 and 2002***

**26 children tested in both years 2001 & 2002 had a decrease in blood lead levels**

- > 12 Children had blood lead levels always less than 10µg/dL with a decrease in blood lead level in 2002  
- See Table # 2
- > 9 Children had blood lead levels greater than or equal to 10 µg/dL in 2001 with a decrease to a blood lead level of less than 10µg/dL in 2002  
- See Table # 3
- > 5 Children had blood lead levels greater than or equal to 10 µg/dL in 2001 with a decreased blood lead level but still greater than or equal to 10µg/dL in 2002  
- See Table # 4

Musconing Department of Health and Senior Services 4/2003

---

---

---


---

---

---


---

---





### *Herculaneum Blood Lead Screening Results for Children Tested in Both Year 2001 and 2002*

---



**1 Child tested in both years 2001 & 2002  
had an increase in blood lead level**

*See Table # 5*

Monroe Department of Health and Senior Services 9/1/03

---

---

---


---

---

---


---

---





### *Herculaneum Blood Lead Screening Results for Children Tested in Both Year 2001 and 2002*

---



**\* Possible contributing factors for the apparent  
reductions in blood lead levels:**

- Actions taken by DNR and EPA to ensure lead  
smelter owners eliminate/reduce sources of  
exposure
- Increased community awareness about lead  
poisoning, ways of exposure, and adverse health  
effects
- Increased educational efforts to provide  
information on reducing exposures, especially for  
children.
- Voluntary Home Purchase Program

Monroe Department of Health and Senior Services 9/1/03

---

---

---


---

---

---


---

---





### *Herculaneum Blood Lead Screening Results for Children Tested in Both Year 2001 and 2002*

---



**\* Health Consultation will be produced and presented  
to community at a future CAG meeting.**

- DHSS working cooperatively with ATSDR to  
review 2002 blood lead data and compare blood  
lead data for children tested in both years 2001 and  
2002.
- Health consultation is a formal written document  
which will include:
  - Summary of data
  - Conclusions, and
  - Recommendations for further actions.

Monroe Department of Health and Senior Services 9/1/03

---

---

---

---

---

---

---

---